

WHAT IS CLAIMED IS:

1. A surveillance system provided with multi-camera including at least a rotating camera controllable for panning, tilting and zooming in and out; intruding object recognizing means for recognizing a state of an object of monitoring by analyzing image signals entered from said multi-camera; camera function determining means for allocating, according to the state of said object of monitoring, to a first camera a tracking function whose field of view is a predetermined direction of said object of monitoring and to a second camera a wide angle shooting function of shooting a monitored space in a wide angle; and camera control means for controlling said multi-camera according to the allocation of functions by the camera function determining means.

2. The surveillance system according to Claim 1, further provided with image accumulating means for accumulating images of the object of monitoring in advance and image recognizing means for comparing said accumulated images of the object of monitoring with an image of the object of monitoring entered from the first camera, wherein the camera function determining means allocate to a third camera a tracking function according to a result of comparison by said image recognizing means and a situation of the object of monitoring.

3. The surveillance system according to Claim 1, wherein the camera function determining means choose a camera whose field of view is in the predetermined direction of the object of monitoring, and allocate a tracking/shooting function to the

cameras in a preferential order with priority assigned to a camera nearest said object of monitoring.

4. The surveillance system according to Claim 1, wherein the camera function determining means choose a camera whose field of view is in the predetermined direction of the object of monitoring, and allocate the tracking/shooting function to the cameras in a preferential order with priority assigned to a camera farthest from said object of monitoring.

5. The surveillance system according to Claim 1, wherein the camera function determining means choose a camera whose field of view is in the predetermined direction of the object of monitoring, and allocate the wide angle shooting function to the cameras in a preferential order with priority assigned to the camera farthest from said object of monitoring.

6. The surveillance system according to Claim 1, wherein the camera function determining means memorize states of the multi-camera, and allocate the tracking/shooting function or the wide angle shooting function to said multi-camera according to the states of said multi-camera and the situation of the object of monitoring.

7. The surveillance system according to Claim 6, wherein the camera function determining means, when any camera is added or removed or any camera is in trouble, update memorized states of the multi-camera.

8. The surveillance system according to Claim 1, wherein the camera function determining means memorize a state of a monitored area, and allocate the tracking/shooting function or the wide angle shooting function to the cameras according to

the state of said monitored area and the situation of the object of monitoring.

9. The surveillance system according to Claim 8, wherein the camera function determining means, when any obstacle in the monitored area prevents shooting of the object of monitoring, update the memorized states of the multi-camera.

10. The surveillance system according to Claim 2, wherein the image accumulating means hold in advance facial image data picked up in many different directions, and the image recognizing means compare said facial image data with a facial image of the object of monitoring entered from any camera.